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| <p>U. S. PATENT AND TRADEMARK OFFICE U. S. DEPARTMENT OF COMMERCE</p> <p>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</p> | | <p>ATTORNEY'S DOCKET NUMBER MC102P</p> <p>U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/586381</p> |
| INTERNATIONAL APPLICATION NO. PCT/CA2005/000083 | INTERNATIONAL FILING DATE January 25, 2005 | PRIORITY DATE CLAIMED January 27, 2004 |
| <p>TITLE OF INVENTION NITRIC OXIDE RELEASING PRODRUGS OF DIARYL-2-(5H)-FURANONES AS CYCLOOXYGENASE-2 INHIBITORS</p> <p>APPLICANT(S) FOR DO/EO/US CLAUDE DUFRESNE, CARL BERTHELETTE, LIANHAI LI, DANIEL GUAY, MICHEL GALLANT, PATRICK LACOMBE, RENEE ASPIOTIS, ZHAOYIN WANG AND CLAUDIO F. STURINO</p> | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]. <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. <p>Items 11 to 20 below concern other document(s) or information included:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with 37 CFR 1.825. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application. <input type="checkbox"/> Other items or information: | | |

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|---|--------------|---|---|------------------------------------|---------------------|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/586381 | | INTERNATIONAL APPLICATION NO. PCT/CA2005/000082 | | ATTORNEY'S DOCKET NUMBER MC095P | |
| The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input checked="" type="checkbox"/> Basic national fee.....\$300 | | | | \$300.00 | |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations.....\$200 | | | | \$200.00 | |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400 All other situations.....\$500 | | | | \$400.00 | |
| TOTAL OF 21, 22 and 23= | | | | \$900.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 37 - 100 = | 0 /50 | 0 = 0 | X \$250.00 | \$0.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)]. | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total Claims | 19 - 20 = | 0 | X \$50.00 | \$0.00 | |
| Independent Claims | 1 - 3 = | 0 | X \$200.00 | \$0.00 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | | |
| TOTAL OF ABOVE CALCULATIONS (SUBTOTAL) | | | | \$900.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + | |
| TOTAL NATIONAL FEE | | | | = | \$900.00 |
| Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property. | | | | + | |
| TOTAL FEES ENCLOSED | | | | = | \$900.00 |
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| | | | | Amount to be charged: | |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$900.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| Customer No. 000210 | | | | | |
| MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970 | | | | | |
| DATE: <u>July 18, 2006</u> | | |  SIGNATURE | | |
| PHONE #: <u>(732) 594-0182</u> | | | <u>Raynard Yuro</u> NAME | | |
| | | | <u>45,570</u> REGISTRATION NUMBER | | |

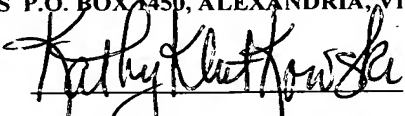
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10/586381

**Page 1A of TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING
A FILING UNDER 35 U.S.C. 371**

Attorney Docket No.: MC102P
International Appln No.: PCT/CA2005/000083
International Filing Date: January 25, 2005
Priority Date: January 27, 2004
Title: NITRIC OXIDE RELEASING PRODRUGS OF
DIARYL-2-(5H)-FURANONES AS
CYCLOOXYGENASE-2 INHIBITORS

Inventors: CLAUDE DUFRESNE
CARL BERTHELETTE
LIANHAI LI
DANIEL GUAY
MICHEL GALLANT
PATRICK LACOMBE
RENEE ASPIOTIS
ZHAOYIN WANG
CLAUDIO F. STURINO

| EXPRESS MAIL CERTIFICATE | |
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| DATE OF DEPOSIT | <u>July 18, 2006</u> |
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